AEC- CSE NEWSLETTER

June 2013 to May 2014

ACTIVITIES OF THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

APOLLO ENGINEERING COLLEGE

(Approved by AICTE,Govt. of India,New Delhi and affiliated to Anna University)

Mevaloorkuppam, Near Queensland Theme Park , Chennai-602 105

DEPARTMENT PROFILE

The Department of Computer Science and Engineering was established in the year 2006. The department is well equipped with excellent computing facilities, and has qualified and dedicated faculty specialized in areas like Data Mining, Wireless Networking, Image Processing etc.

Programmes run by the department are,

- B.E. Computer Science and Engineering (Double intake since 2012).
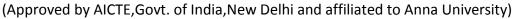- M.E. Computer Science and Engineering (Started since 2011).

HIGHLIGHTS OF THE DEPARTMENT

➢ Main focus of all our faculty members is to impart quality teaching to the students in the teaching-learning process.

➢ Our department offers expert lectures, seminars and colloquiums on a variety of topics every semester, to provide value addition to the curriculum.

➢ Our faculty is committed to the pursuit of transformational research activities.

➢ The department provides a number of student support services like providing students with class advisors, provide semester and intermediate semester progress updates to the students and parents, etc.

ACTIVITIES OF THEDEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
(June 2013 to May 2014)

GUEST LECTURES

July 27th 2013   : Expert lecture by Mr.Ram Singampalli, Vice president, Strategic initiatives, Syntel.

Expert lecture by Mr.Ram Singampalli

1st February 2014 : Expert lecture by Mr.Balagurunatan, Vice President, Asia Pacific IT Business Unit, Wabco Ltd.

Mr.Balagurunatan, VP, IT- Asia Pacific BU, Wabco Ltd. released the book of papers for the CSE student colloquium. Dr.D.Balaji, Principal, AEC received the first copy of the book.

8th March 2014: Expert lecture on "Rearchitecturing product development" was organized by the department of CSE on 08-03-14. The guest of honor, Dr.Anand Lakshmanan ME, PhD, R&D Head at the Ericsson India delivered the lecture to the students of II & III Year CSE.

Felicitation of Dr.Anand by Dr.Balaji.

29th March 2014: Expert Lecture on "Asymptotic Analysis - Solving Recurrence Relations" by Dr.N.Sadagopan, Asso.Professor, Indian Institute of Information Technology.

Expert lecture by Dr.N.Sadagopan

CSE COLLOQUIUM: February 1st 2014

The CSE Forum has organized the student colloquium on 31/1/14 and 1/2/14. The topic chosen for the colloquium was "Software appreciation and PC assembly". Students of II and III Yr CSE participated in the event. The guest of honor for the colloquium was Mr.Balagurunatan, Vice President, Asia Pacific IT Business Unit, Wabco Ltd. A book of papers for the colloquium was released by the chief guest and the first copy was received by Dr.D.Balahi, Principal, AEC. Mr.Balagurunatan delivered his special address to the students and finally distributed the cash awards and certificates to the winners of the colloquium.

Colloquium on PC Assembly

Prize distribution for colloquium winners

INDUSTRIAL VISIT

August 28th 2013: Industrial Visit to CDAC, Bangalore.

The industrial visit to CDAC, Bangalore was organized for the CSE (III, IV Yr) students on 28/8/13. The students were assembled at CDAC, Electronics city in two batches and lecture about CDAC services were given by Mr.Anoop and Mr.Amit, Senior Scientific Officers of CDAC in the seminar halls. They also briefed about the various specialization of different CDAC centers in India and also explained the different laboratories (with supercomputers) that are maintained in their campus.

Industrial visit to CDAC, B'lore

CORPORATE SOCIAL RESPONSIBILITIES

NSS unit of Apollo Engineering College has successfully organized blood donation camp on 28/3/14 (between 10AM - 1PM), in collaboration with VHS, Taramani.

Blood Donation camp organized by NSS unit of AEC

CO-CURRICULAR ACTIVITIES

March 5th 2014: International Women's Day Celebration: International Women's day 2014 was celebrated in Apollo Engineering College. Various events were organized for the faculties and students of AEC such as: Rangoli competition, Mehendi competition, Culture dressing, cookery without flame, vegetable carving and fun games. Mrs.Archana Kalpathi B.E, MS, MBA, CEO of AGS Cinemas was the chief guest for the event. Around 250 girl students and about 40 lady faculties and non teaching staffs took part in the event.

International Women's Day Celebration 2014

SECOND INTERNATIONAL CONFERENCE ON RECENT TRENDS IN COMPUTER SCIENCE & ENGINEERING (ICRTCSE 2014)

The inaugural function of the two day Second International Conference on Recent Trends in Computer Science and Engineering (ICRTCSE 2014) was organized by the department of CSE of Apollo Engineering College on May 2nd 2014, started off on a grand note at 9.300 a.m. Dr.Anand Lakshmanan, R&D Head, Ericson India Ltd. was the keynote speaker. Professor Jiri Militky, Vice Dean of Science & International Collaboration, Technical University Liberec, Czech Republic, Thiru.S.G.Balagurunatan, Vice President, IT – Asia BU, Wabco India Ltd. and Thiru.Ram Singampalli, Vice President, Strategic initiatives, Syntel India delivered special addresses at the conference and also chaired various sessions of the conference. Dr.Dhananjay Kumar, Professor in charge of UG program, Department of Information Technology and Dr.Noor Mhd. Sk of Indian Institute of Information Technology were also the guest of honors and they chaired various sessions of the conference. The function was attended by nearly 250 participants from India and abroad. Organizing Secretary, Dr. S.Prasanna Devi welcomed the participants to the grand event. A souvenir and CD were released at this juncture. Dr. D. Balaji, Principal, Apollo Engineering College felicitated all the dignitaries.

Left to Right: Dr.S.Prasanna Devi, Dr.D.Balaji, Mr.Ram Singampalli, Dr.Jiri Militky, Dr.Dhananjay kumar, Dr.Anand Lakshmanan, Dr.Noor Mhd Sk, Mr.S.Balagurunatan

RESEARCH PUBLICATIONS OF DCSE:
*indicates Referred & Scopus Indexed with impact factor

1. A Vincy and **S.Prasanna Devi**, "Geo Location based Task Management with Path Optimization", International Journal of Computer Applications 68(10):14-18, May 2013. Published by Foundation of Computer Science, New York, USA.

2. *Gunaselvi Manohar**, S.Prasanna Devi**, K.Suryaprakasa Rao, "Evaluation of policies to reduce transportation pollution using system dynamics", Accepted for publication in Environment Protection Engineering Journal, published by Wroclaw University of Technology, Poland, June 2013.

3. *Tharani Kumar, Saurabh Saraf, **Prasanna Devi,** Evaluation of Bite Force After Open Reduction and Internal Fixation Using Microplates, Journal of Dentistry, Tehran University of Medical Sciences, Tehran, Iran, 2013; Vol. 10, No.5, pp: 1-12.

4. Devi RL, Amalraj R and **Prasanna Devi S.**: Classification of employee turnover intention using hierarchical cluster analysis: A case study from Indian Pharmaceutical Companies. Int J Pharm Sci Res 2013; 4(12): 1000-03. doi: 10.13040/IJPSR. 0975-8232.4(12).1000-03, Dec 2013.

5. **C.P.Ronald Reagan**, S.Selvi, **S.Prasanna Devi, V.Natarajan**, Enhancing DES Using Local Languages, International Journal of Engineering Science and Innovative Technology (IJESIT), Volume 3, Issue 1, January 2014, pp:543-547.

6. **D.Jeniffer**, G.Saranya, Affective Text based Emotion Mining in Social Media, International Journal of Advance Research in Computer Science and Management Studies, Volume 2, Issue 3, pp:86-94, March 2014.

7. **G.Sumathi, K.Sangeetha**, Dr.S.Tharani Kumar, Prevalence of Yoga as an Alternative Therapy for the Treatment Of Occupational Hazards Among Dentists in Chennai, India – A Comprehensive Study, International Journal of Innovative Research in Computer and Communication Engineering, Vol. 2, Issue 2, February 2014, ISSN: 2320-9801, pp: 3189-3196.

8. **Sangeetha, K. and Barathi Krishna, L**., Gesture detection for deaf and dumb people, International Journal of Development Research, Vol. 4, Issue, 3, pp. 749-752, March, 2014.

9. **G.Visalaxi,** Key Management Scheme for Broadcast and Multicast Service, International Journal of Advance Research in Computer Science and Management Studies, Volume 2, Issue 3, pp:80-85, March 2014.

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10. **L.Bharathi Krishna,** G.Sangeetha, Ontology Based Data Extraction And Alignment Using Nested Model, Asia Pacific Journal of Research, Vol: I Issue XI, pp: 80-92, March 2014.

11. **D.Jeniffer**, M.Saranya, Personal Health Records Sharing In Cloud Computing Environment, Asia Pacific Journal of Research, Vol: I Issue XI, pp: 65-73, March 2014.

12. **K.Sangeetha,** M.Meenakshi, Energy Efficiency Using Data Replication And Power Consumption Based On Scheduling, Asia Pacific Journal of Research, Vol: I Issue XI, pp: 125-133, March 2014.

13. **Murali.E** ,Jeysenthil.KMS, Manikandan T., Third Generation Agricultural Support System Development Using Data Mining, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 3, March 2014, pp: 9923-9930.

14. **K.Supriya**, S RajeshKumar, Idealized Approach for Content Management Scheme in Vehicular Ad-Hoc Network, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 3, Issue 3, March 2014, pp:9954 – 9959.

15. **C.P.Ronald Reagan**, S.Selvi, **S.Prasanna Devi** An Android App For Intelligent Dosage Planning In Type2 Diabetes Using AnfisGA, IEEE indexed fourth International conference on Recent Trends in Information Technology (ICRTIT 2014), MIT, Anna University, April 2014.

16. **P.Velavan, R.Ganesh**, "TLWL Load Balancing Algorithm for Cluster of SIP Servers", International Journal of Engineering Science and Innovative Technology Editorial Board, Volume 3,Issue 2,March 2014, pp: 195-200

17. **G.Sumathi, L.Bharathi Krishna,** Dr.S.Tharani Kumar, Identification of occupational hazards among dentists in Chennai using regression analysis, International Journal of Advance Research in Computer Science and Management Studies, Volume 2, Issue 3, pp:114-120, March 2014.

18. **T.Devi, S.Prasanna Devi,** "handwriting recognition using ANFIS", International Journal of Social Science and Research, March 2014, pp: 407-411.

19. **S.Krishnaveni,** Pugazharasan, "Study of mammogram micro calcification to aid tumor detection using Naïve bayes classifier", Intl. journal of advanced research in electrical, electronics and instrumentation engineering, Vol 3, Issue 3, March 2014, pp: 8274 – 8282

20. **C.P.Ronald Reagen**, S.R.Sari, Long term load forecasting in Tamil Nadu using fuzzy neural technology, International Journal of Engineering Science and Innovative Technology Editorial Board, Vol. 3, Issue 9, pp: 5-8.